

CAB-O-SIL® DIVISION

EPA Region 5 Records Ctr.



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DOUGLAS CO. 0418080  
TUSCOLA /CABOT



**CABOT CORPORATION**

P. O. BOX 188, TUSCOLA, ILLINOIS 61953

TELEPHONE AREA CODE 217  
TUSCOLA 253-3370  
TELEX TUSCOLA 910-663-2542

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SEP 21 1984

September 18, 1984

STATE OF ILLINOIS

Glenn D. Savage  
Central Region Manager  
Land Field Operations Section  
Division of Land Pollution Control  
Illinois Environmental Protection Agency  
4500 South Sixth Street  
Springfield, Illinois 62706

REF: LPC #0418080001  
ILD #042075333

Dear Mr. Savage,

We have tested solids and leachate emanating from our pre-RCRA disposal areas as outlined in my letter of August 8. The solid samples represent material collected from the pond solids disposal area just east of the surface impoundment. Analysis of the EP Extracts from composite solids samples obtained 6 inches and 12 inches below the surface (pond solids disposal area) showed no measurable concentration of priority pollutants (see attached analytical report.

The leachate analysis for priority pollutants, showed the following positive values:

<u>PRIORITY POLLUTANT</u>	<u>Landfill</u> mg/l	<u>Solids Disposal Area</u> mg/l
Toluene	<.001	0.027
Ethyl Benzene	<.001	0.006
1,1,1,Trichloroethane	0.004	0.010
Chloroform	<.001	0.022
Methylene Chloride	0.024	0.050
Tetrachloroethylene	0.39	0.20

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Mr. Glenn D. Savage  
September 18, 1984

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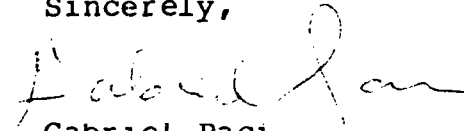
In addition, pH was measured and found to be 7.8 for the landfill leachate and 3.6 for the pond solids disposal area leachate.

We plan to collect samples of the leachates approximately 3 months from the first sampling to confirm the results of the analysis and begin to assess the impact of these areas on groundwater.

The compounds found in the current sampling, suggest that the leachate collection system may indeed be picking up contamination from the surface impoundment and recirculating it to the impoundment.

We trust this information meets with the requirement of your July 30 inquiry. If we can be of further assistance, please let us know.

Sincerely,



Gabriel Paci  
Manager, Environmental Affairs  
CAB-O-SIL Division

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